

Claims:

1. A fishing line bite detector alarm comprising:
 - (a) a first means for holding a fishing line within said first means and for enabling resistance of forward and backward line movement with said first means thereby allowing actuation of said first means in response to forward and backward line tension;
 - (b) a second means for luminating and sounding visible and audible alarm signals respectively;
 - (c) a third means for completing an electrical circuit delivering electrical energy for activating said second means, said third means connected to said first means such that side to side movement of said first means is prohibited;
 - (d) a fourth means for supplying electrical energy to said second and third means;
 - (e) a fifth means for connecting to said fourth means and for allowing said fourth means to supply electrical energy to said second means and said third means;
 - (f) a sixth means for holding and connecting thereto said second, third and fifth means;
 - (g) a seventh means for opening and closing said fishing line bite detector alarm, for enclosing said second means, said third means, said fourth means, said fifth means, and said sixth means of said fishing line bite detector alarm, wherein

said first means connects within said seventh means, and
 wherein said fourth, and sixth means connect within said
 seventh means; and

 (h) an eighth means for attaching said bite detector alarm
 to a fishing rod, said eighth means connecting to said seventh
 means.

2. The fishing line bite detector alarm of Claim 1, further
comprising a fifteenth means for allowing an actuator arm
stable forward and backward actuation movement when the fishing
line within said arm is tensioned then untensioned.

3. The fishing line bite detector alarm of Claim 2, wherein
said fifteenth means is a pivot pin, said pivot pin for
allowing the actuator arm stable forward and backward actuation
movement by installing through a hole in one side of the open
ended exterior section, then through a hole in the actuator
arm, then through a hole in the other side of the open ended
exterior section, allowing the actuator arm to securely rest on
the pivot pin thus eliminating all unnecessary play and
movement in the actuator arm, except for smooth forward and
back actuation movement as directed when the fishing line
within the actuator arm is tensioned then untensioned.

4. The fishing line bite detector alarm of Claim 1, further comprising a sixteenth means for diverting electrical energy between a printed circuit board mountable lamp socket receiving a filamented incandescent screw based lamp and a printed circuit board mountable electro magnetic buzzer, for supplying electrical energy to the lamp and to the buzzer at the same time, for enabling a constantly on position for the lamp while the bite detector alarm is in the unactuated alarm ceasing mode, and for preventing the flow of electrical energy at the same time to the lamp and to the buzzer and to a printed circuit board mountable modified leaf on-off switch.

5. The fishing line bite detector alarm of Claim 4, wherein said sixteenth means is a five position switch coupled to a round printed circuit board, the five position switch for diverting electrical energy to the lamp socket receiving the lamp and to the buzzer and for supplying electrical energy to the lamp and to the buzzer at the same time, and for enabling the constantly on position for the lamp while the bite detector alarm is in the unactuated alarm ceasing mode, and for preventing the flow of electrical energy at the same time to the lamp and to the buzzer and to the off-on switch, by setting the five position switch to the desired position assigned to complete each specifically mentioned function.

6. The fishing line bite detector alarm of Claim 1, further comprising a seventeenth means for allowing access to a switch lever on a printed circuit board mountable five position switch.

7. The fishing line bite detector alarm of Claim 6, wherein said seventeenth means is a switch hole formed within a housing body, the switch hole for allowing access to the switch lever on the five position switch by allowing the switch lever to protrude externally from the housing body.

8. The fishing line bite detector alarm of Claim 1, further comprising an eighteenth means for diverting electrical energy between a printed circuit board mountable lamp socket receiving a filamented incandescent screw based lamp and a printed circuit board mountable electro magnetic buzzer, for supplying electrical energy to the lamp and to the buzzer at the same time, and for enabling a constantly on position for the lamp while the bite detector alarm is in the unactuated alarm ceasing mode.

9. The fishing line bite detector alarm of Claim 8, wherein said eighteenth means is a four position switch coupled to a round printed circuit board, the four position switch for diverting electrical energy to the lamp socket receiving the lamp and to the buzzer and for supplying electrical energy to the lamp and to the buzzer at the same time, and for enabling the constantly on position for the lamp while the bite detector alarm is in the unactuated alarm ceasing mode, by setting the four position switch to the desired position assigned to complete each specifically mentioned function.

10. The fishing line bite detector alarm of Claim 1, further comprising a nineteenth means for allowing access to a switch lever on a printed circuit board mountable four position switch.

11. The fishing line bite detector alarm of Claim 10, wherein said nineteenth means is a switch hole formed within a housing body, the switch hole for allowing access to the switch lever on the four position switch by allowing the switch lever to protrude externally from the housing body.